```
Set     Items   Description
S1     401638   PDA OR PDAS OR (PERSONAL OR PORTABLE?)()(DIGITAL OR INFORM-
             ATION)()(ASSISTANT? OR DEVICE?) OR (MOBILE? OR PORTABLE? OR H-
             ANDHELD? OR HAND()HELD? OR WIRELESS? OR CELL? OR WAP OR WAPS)-
             (3N)(DEVICE? OR UNIT? OR PHONE? OR TELEPHONE? OR COMPUTER? OR
             PC OR ORGANIZ
S2      50566   PALM? ? OR PALMTOP? OR LAPTOP? OR BLACKBERRY? OR ELECTRONI-
             C?()ORGANI?
S3   19193634   TYPE? OR ATTRIBUT? OR CHARACTERISTIC? OR CLASS?? OR CLASSI-
             FICAT? OR CATEGOR? OR FORMAT? OR TRAIT? OR PROPERT? OR FEATUR?
              OR FUNCTIONALIT? OR PARTICULAR? OR PROTOCOL?
S4   11334994   PLURAL? OR MULTI OR MULTIP? OR MANY OR MULTIT? OR MORE(2W)-
             ONE OR TWO(2W)MORE OR SEVERAL? OR NUMEROUS? OR GROUP? ? OR AR-
             RAY? OR COLLECTION?
S5   10034473   SELECT? OR CHOOSE? OR CHOSE? OR CHOIC? OR OPT OR OPTS OR O-
             PTING OR ELECT? OR PICK? OR PREFER?
S6     793125   REQUEST? OR ASK OR ASKS OR ASKED OR ASKING OR INQUIR? OR I-
             NTERROG? OR PACKET? OR MESSAG?
S7    4019860   RESPON? OR ANSWER? OR REPLY? OR REPLIE? OR RETORT?
S8    3351909   CONFIGUR? OR CUSTOMIZ? OR CUSTOMIS? OR PERSONALIZ? OR PERS-
             ONALIS? OR RECONFIGUR? OR INDIVIDUALIZ? OR INDIVIDUALIS? OR (-
             CUSTOM? OR TAILOR)()(MAKE? OR MAKING OR MADE) OR (SET OR SETS
             OR SETTING)()UP OR RECONCIL? OR COORDINAT? OR OVERRID? OR CON-
             VERT? OR CONV
S9    2698271   NETWORK? OR LAN OR WAN OR LANS OR WANS OR INTERNET? OR ETH-
             ERNET? OR INTRANET? OR EXTRANET? OR ONLINE? OR WORLD()WIDE()W-
             EB OR SUBNET? OR SUB()(NET OR NETS)
S10     44235   HTML OR XML OR EXTEN?()(MARKUP OR MARK?()UP)
S11     83981   S1:S2(10N)(S4 OR S9:S10)
S12      9808   S11 AND S3(7N)S1:S2
S13      4222   S12 AND S5:S7
S14      1179   S12 AND S8
S15       537   S13 AND S14
S16       458   S15 AND S1:S2(5N)(S4 OR S9:S10)
S17        77   S13:S15 AND S5 AND S6:S7 AND S8
S18       470   S16:S17
S19       160   S18 AND PY<2000
S20       138   RD (unique items)
? show files
File   2:INSPEC 1969-2005/Jul W2
         (c) 2005 Institution of Electrical Engineers
File   6:NTIS 1964-2005/Jul W2
         (c) 2005 NTIS, Intl Cpyrght All Rights Res
File   8:Ei Compendex(R) 1970-2005/Jul W2
         (c) 2005 Elsevier Eng.  Info. Inc.
File  34:SciSearch(R) Cited Ref Sci 1990-2005/Jul W2
         (c) 2005 Inst for Sci Info
File  35:Dissertation Abs Online 1861-2005/Jun
         (c) 2005 ProQuest Info&Learning
File  65:Inside Conferences 1993-2005/Jul W3
         (c) 2005 BLDSC all rts. reserv.
File  94:JICST-EPlus 1985-2005/May W5
         (c)2005 Japan Science and Tech Corp(JST)
File  99:Wilson Appl. Sci & Tech Abs 1983-2005/Jun
         (c) 2005 The HW Wilson Co.
File 111:TGG Natl.Newspaper Index(SM) 1979-2005/Jul 19
         (c) 2005 The Gale Group
File 144:Pascal 1973-2005/Jul W2
         (c) 2005 INIST/CNRS
File 256:TecInfoSource 82-2005/Jun
         (c) 2005 Info.Sources Inc
```

20/3,K/5 **(Item 5 from file: 2)**
DIALOG(R)File 2:INSPEC

5968978 INSPEC Abstract Number: B9808-6210L-167, C9808-5620L-050
Title: Wireless links in fieldbus networks
Author(s): Caban, D.; Zielinski, B.
Author Affiliation: Inst. Inf. Teoretycznej i Stosowanej, Poland
Journal: Zeszyty Naukowe Politechniki Slaskiej, Seria: Informatyka no.34 p.529-37
Publisher: Wydawnictwo Politech. Slaskiej,
Publication Date: 1998 Country of Publication: Poland
CODEN: ZNPIET ISSN: 0208-7286
SICI: 0208-7286(1998)34L.529:WLFN;1-7
Material Identity Number: H071-98008
Language: Polish
Subfile: B C

...Abstract: exist to connect between the processing units, however, standardization works are in progress. There are **many types** of **wireless** transmission **devices** . The most popular are wireless **LAN** adapters, radiomodems and **packet** controllers. The difference between them is in the way data is processed between and during transmission. **Wireless** transmission **devices** may be used to create a wireless **network** or to create a wireless segment of wired network. Possible **configurations** are presented. In the simple fieldbuses which are based on RS-232C standard (e.g. Modbus) any of these **configurations** can be easily realized with use of radiomodems or **packet** controllers. If the network is more complicated or the required transmission speed is higher, LAN...
...Identifiers: **packet** controllers
1998

20/3,K/7 (Item 7 from file: 2)
DIALOG(R)File 2:INSPEC

5638607 INSPEC Abstract Number: B9709-6210L-003, C9709-5620L-001
Title: Using channel state dependent packet **scheduling to improve TCP throughput over wireless LANs**
Author(s): Bhagwat, P.; Bhattacharya, P.; Krishna, A.; Tripathi, S.K.
Author Affiliation: IBM Thomas J. Watson Res. Center, Yorktown Heights, NY, USA
Journal: Wireless Networks vol.3, no.1 p.91-102
Publisher: Baltzer,
Publication Date: 1997 Country of Publication: Netherlands
CODEN: WINEF8 ISSN: 1022-0038
SICI: 1022-0038(1997)3:1L.91:UCSD;1-K
Material Identity Number: C276-97002
Language: English
Subfile: B C

Title: Using channel state dependent packet **scheduling to improve TCP throughput over wireless LANs**
Abstract: In recent years, a variety of **mobile computers** equipped with **wireless communication devices** have become popular. These computers use applications and protocols, originally developed for wired desktop hosts, to **communicate** over **wireless** channels. Unlike wired **networks , packets** transmitted on wireless channels are often subject to burst errors which cause back to back **packet** losses. We study the effect of burst **packet** errors and error recovery mechanisms employed in wireless MAC protocols on the performance of transport protocols such as TCP. Most wireless LAN link layer protocols recover from **packet** losses by retransmitting lost segments. When the wireless channel is in a burst error state...

... the wireless channel. Furthermore, in the event of multiple sessions sharing a wireless link, FIFO **packet** scheduling can cause the HOL blocking effect, resulting in unfair sharing of the bandwidth. This observation leads to a new class of **packet** dispatching methods which explicitly take wireless channel characteristics into consideration in making **packet** dispatching decisions. We compare a variety of channel state dependent **packet** (CSDP) scheduling methods with a view towards enhancing the performance of transport layer sessions. Our results indicate that by employing a CSDP scheduler at the **wireless LAN device** driver level, significant improvement in channel utilization can be achieved in typical wireless LAN **configurations** .
...Descriptors: **packet** switching
Identifiers: channel state dependent **packet** scheduling...
...burst **packet** errors...

...FIFO **packet** scheduling...

... **packet** dispatching decisions
1997

20/3,K/48 (Item 12 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

04958468 E.I. No: EIP98034093650
Title: Formal method for synthesizing optimized protocol converters **and its application to mobile data networks**
Author: Tao, Zhongping; Bochmann, Gregor v.; Dssouli, Rachida
Corporate Source: Nortel Technology, Ottawa, Ont, Can
Source: Mobile Networks and Applications v 2 n 3 Dec 1997. p 259-269
Publication Year: 1997
CODEN: 002498 ISSN: 1383-469X
Language: English

Title: Formal method for synthesizing optimized protocol converters **and its application to mobile data networks**
...Abstract: information networks are expanding rapidly, we expect to integrate voice, paging, electronic mail and other **wireless** information services. Interworking **units** that perform **protocol conversion** at the boundaries of different **networks** will play an important role. In this paper, we propose an efficient algorithm for constructing optimized protocol **converters** to achieve interoperability between heterogeneous data networks. This algorithm first derives constraints from two given protocols, and apply the constraints to channel specifications, thus removing **message** sequences that do not contribute to system progress. Then, an optimized **converter** is generated from a given service specification, the two protocol specifications and the modified channel...

...services. Compared with related works, our method has two advantages: (1) it generates an optimized **converter** ; (2) it can be applied to the case that the service specification is nondeterministic. The...
Descriptors: ***Networ** k **protocols** ; Algorithms; **Mobile** telecommunication systems; **Communication** channels (information theory); Heuristic methods; Data communication systems
Identifiers: Mobile data networks; Protocol **converter**

20/3,K/87 (Item 6 from file: 94)
DIALOG(R)File 94:JICST-EPlus

02066122 JICST ACCESSION NUMBER: 94A0533958 FILE SEGMENT: JICST-E
An Adaptive Protocol **for** Mobile Communication .
TANAKA RIEKO (1); TSUKAMOTO MASAHIKO (2)
(1) Shapu Sofutoweaken; (2) Shapu Johogiken
Joho Shori Gakkai Kenkyu Hokoku, **1994** , VOL.94,NO.39(OS-64 DPS-65), PAGE.1-6, FIG.2, REF.9
JOURNAL NUMBER: Z0031BAO ISSN NO: 0919-6072
UNIVERSAL DECIMAL CLASSIFICATION: 681.3:654 621.396.73
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication

An Adaptive Protocol **for** Mobile Communication .
, **1994**
ABSTRACT: In this paper, we propose a new strategy for **mobile communication** and a **protocol** based on it. To support host mobility, a router is generally required to notify the location of a mobile host to other routers, and to forward **packets** to the mobile host. By adaptively **selecting** notification method and forwarding method, the total traffic of control and data **packets** can be reduced under diverse network **configuration** (e.g., network topology) and wide range of mobility characteristics(e.g., migration frequency). The notion of adaptive support for **mobile communication** can be applied to IP **networks** , CLNP **networks** , and wireless **LANs** . (author abst.)
...DESCRIPTORS: **packet**
...BROADER DESCRIPTORS: **selection** ;

20/3,K/92 (Item 1 from file: 144)
DIALOG(R)File 144:Pascal

14529276 PASCAL No.: 00-0194017
Packet **data over cellular networks: The CDPD approach**
SALKINTZIS A K
Univ of British Columbia, Vancouver BC, Canada
Journal: IEEE Communications Magazine, **1999** , 37 (6) 152-159
Language: English

Packet **data over cellular networks: The CDPD approach**
1999
Cellular digital **packet** data is a mobile **packet** data technology that operates on the spectrum assigned to a **telephone cellular network** , such as the Advanced **Mobile Phone** Service. This article undertakes a thorough survey of the CDPD radio interface and explores the...

... emphasizes several significant aspects such as the medium access procedure, the forward and reverse channel **configurations** , the data multiplexing scheme, and the channel hopping procedure.

English Descriptors: Cellular digital **packet** data (CDPD); Data link layers; Convergence protocols; Theory; **Packet networks** ; Interfaces (computer); Radio links; **Network protocols** ; Linguistics; Data **communication** systems; Telecommunication services; **Cellular telephone** systems

20/3,K/138 (Item 42 from file: 256)
DIALOG(R)File 256:TecInfoSource

00118565 DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Windows CE (633119)

TITLE: CE-ing Is Believing: This bird's-eye view of 103 ultramobile...
AUTHOR: Epp, Tracy
SOURCE: Mobile Computing & Communications, v10 n8 p97(6) Aug 1999
ISSN: 1047-5567
HOMEPAGE: http://www.mobilecomputing.com

RECORD TYPE: Review
REVIEW TYPE: Product Comparison
GRADE: Product Comparison, No Rating

REVISION DATE: 19991030

...virtual purchasing. All of the programs listed in the buyers' guide are available in one **configuration** or another for direct downloading from the Web. Some products are full-functioned and ready...

...for a vendor-set period of time or do not provide one or more important **features** of the commercial version. Platforms supported are **handheld** PCs, **handheld PC** professionals, and **Palm** PCs. **Many** products can run on **multiple** platforms, but some software works on one or two platforms only. The most current version...

DESCRIPTORS: Handhelds & Palmtops; Mobile Computing; Software **Selection**; Windows CE
1999

```
Set     Items   Description
S1     348415   PDA OR PDAS OR (PERSONAL OR PORTABLE?)()(DIGITAL OR INFORM-
             ATION)()(ASSISTANT? OR DEVICE?) OR (MOBILE? OR PORTABLE? OR H-
             ANDHELD? OR HAND()HELD? OR WIRELESS? OR CELL?)(3N)(DEVICE? OR
             UNIT? OR PHONE? OR TELEPHONE? OR COMPUTER? OR PC OR ORGANIZER?
              OR COMMUNIC
S2      27884   PALM? ? OR PALMTOP? OR LAPTOP? OR BLACKBERRY? OR ELECTRONI-
             C?()ORGANI?
S3    4089284   TYPE? OR ATTRIBUT? OR CHARACTERISTIC? OR CLASS?? OR CLASSI-
             FICAT? OR CATEGOR? OR FORMAT? OR TRAIT? OR PROPERT? OR FEATUR?
              OR FUNCTIONALIT?
S4    3660695   PLURAL? OR MULTI OR MULTIP? OR MANY OR MULTIT? OR MORE(2W)-
             ONE OR TWO(2W)MORE OR SEVERAL? OR NUMEROUS? OR GROUP? ? OR AR-
             RAY? OR COLLECTION?
S5    5753333   SELECT? OR CHOOSE? OR CHOSE? OR CHOIC? OR OPT OR OPTS OR O-
             PTING OR ELECT? OR PICK? OR PREFER?
S6     402043   REQUEST? OR ASK OR ASKS OR ASKED OR ASKING OR INQUIR? OR I-
             NTERROG? OR PACKET? OR MESSAG?
S7     661888   RESPON? OR ANSWER? OR REPLY? OR REPLIE? OR RETORT?
S8     448150   CONFIGUR? OR CUSTOMIZ? OR CUSTOMIS? OR PERSONALIZ? OR PERS-
             ONALIS? OR RECONFIGUR? OR INDIVIDUALIZ? OR INDIVIDUALIS? OR (-
             CUSTOM? OR TAILOR)()(MAKE? OR MAKING OR MADE) OR (SET OR SETS
             OR SETTING)()UP
S9     495038   NETWORK? OR LAN OR WAN OR LANS OR WANS OR INTERNET? OR ETH-
             ERNET? OR INTRANET? OR EXTRANET? OR ONLINE? OR WORLD()WIDE()W-
             EB
S10      7984   HTML OR XML OR EXTEN?()(MARKUP OR MARK?()UP)
S11   1222839   IC=G06F?
S12   1619726   MC=(T01? OR W01? OR W02?)
S13     27581   S1:S2 AND S3 AND (S4 OR S9:S10)
S14     12436   S13 AND S1:S2(10N)(S4 OR S9:S10)
S15      3983   S14 AND S3(10N)S1:S2
S16      3093   S15 AND S11:S12
S17      3983   S15:S16
S18       187   S17 AND S5:S7 AND S8
S19      2250   S17 AND S3(5N)S1:S2 AND S1:S2(5N)(S4 OR S9:S10)
S20       167   S19 AND S8
S21        99   S20 AND S5:S7
S22       255   S18 OR S20:S21
S23    837244   PR=2001:2005
S24       209   S22 NOT S23
S25       209   IDPAT (sorted in duplicate/non-duplicate order)
? show files
File 347:JAPIO Nov 1976-2005/Feb(Updated 050606)
        (c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200545
        (c) 2005  Thomson Derwent
?
```

25/3,K/80 (Item 80 from file: 350)
DIALOG(R)File 350:Derwent WPIX

016066101 **Image available**
WPI Acc No: 2004-223952/200421
Related WPI Acc No: 2001-181345; 2001-315249; 2001-520299; 2001-637770; 2003-624991; 2004-429717
XRPX Acc No: N04-176858

Automatic real-time personalized **intelligence system has service processor for processing channel** selection , **server** selection **and** personalization selection **for each subscriber based on information obtained from channel databases**

Patent Assignee: MICROSTRATEGY INC (MICR-N)
Inventor: FISHMAN P J; LANGSETH J; TALWAR A
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6694316	B1	20040217	US 99126055	P	19990323	200421 B
			US 2000488920	A	20000121	

Priority Applications (No Type Date): US 99126055 P 19990323; US 2000488920 A 20000121
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6694316	B1		35	G06F-017/30	Provisional application US 99126055

Automatic real-time personalized **intelligence system has service processor for processing channel** selection , **server** selection **and** personalization selection **for each subscriber based on information obtained from channel databases**

Abstract (Basic):

... processor to specified subscriber output devices. The service processor is provided for processing the channel **selection** , server **selection** and **personalization selection** for each subscriber based on information obtained from the channel databases.

... The service process generates the report by an **online** analytical processing (OLAP) system that includes the processing results for channel, service and **personalization** inputs for each subscriber. The OLAP system processes reports against the information contained in the channel databases. A subscription receiver obtains the subscriptions from **several** users, in which each subscription includes the channel **selection** , channel service and **personalized feature** for each service of each channel **selected** . The channel databases contains information about different subject matters e.g. finance channel, sports channel...

...An INDEPENDENT CLAIM is included for the delivery of **personalized** intelligence to subscribers...

...For subject-based channel distribution of automatic, real-time delivery of **personalized** information and transactional data...

...Provides **several** channels of personal intelligence content to enable subscribers to more specifically **choose** the content they desire to receive. Enables users to more easily identify the content they want and provides more options to **customize** fees that may be charged to the subscriber. Provides content from which **personalized** intelligence **network** actively delivers highly **personalized** and timely informational and transactional content to subscribers via email, spreadsheet programs, pager, **telephone** , **mobile phone** , fax,

personal digital assistants , **HTML** email, and other **formats** to generate revenues from subscription fees, transactional fees, bundling fees and advertising fees. Includes local...

...The figure is a schematic diagram showing the flow of information in the **personalized** intelligence **network** .

...Title Terms: **SELECT** ;
International Patent Class (Main): **G06F-017/30**
Manual Codes (EPI/S-X): **T01-J05B4P** ...

... **T01-N01A2A** ...

... **T01-N02B2A** ...

... **W02-F10E3** ...

... **W02-F10X**

25/3,K/81 (Item 81 from file: 350)
DIALOG(R)File 350:Derwent WPIX

016054469 **Image available**
WPI Acc No: 2004-212320/200420
Related WPI Acc No: 2004-118407
XRPX Acc No: N04-168109

Data reconciliation between a computer **and a** mobile **data** collection **terminal, involves transferring data structure, obtained by transforming data acquired from remote site, to host** computer **over** wireless communications network

Patent Assignee: SYMBOL TECHNOLOGIES INC (SYMB-N)
Inventor: FUCCELLO J; GERNERT A M; HERROD A; SCHAEFER D E; WALTERS R S
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6694366	B1	20040217	US 9883551	P	19980429	200420 B
			US 98166816	A	19981005	

Priority Applications (No Type Date): US 9883551 P 19980429; US 98166816 A 19981005
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6694366	B1		19	G06F-015/173	Provisional application US 9883551

Data reconciliation between a computer **and a** mobile **data** collection **terminal, involves transferring data structure, obtained by transforming data acquired from remote site, to host** computer **over** wireless communications network

Abstract (Basic):
... The method involves transferring a transformed data structure to a host **computer** over a **wireless communications network** . The data, acquired at a remote side, are transformed into a data structure in a **mobile computer** terminal in accordance with the data field **characteristics** required by the application program running on the host computer.
... The **mobile computer** terminal is used to automatically acquire data at the remote side in **response** to the data acquisition program running on the **mobile computer** terminal. The operating **characteristics** of the **mobile computer** terminal are configured to correspond to the data field **characteristics** required by the application program running on the host computer. The **configuration** process involves receiving information about the required data field **characteristics** from the host **computer** over the **wireless communications network** .
...
...For data **formatting** , database updating, synchronization and reconciliation between a host or server **computer** and **mobile** data **collection** terminals...

...Provides an application that can easily handle the **formatting** and ordering issues that arise when data are entered into a **mobile computer** terminal for eventual incorporation into an application located on a host computer. Provides an application that prevents the loss of data when interruptions in the wireless **network** occur. Provides an application that can easily handle freshness issues...

...The figure is a block diagram showing a **mobile computer network** .

...Title Terms: **NETWORK**
International Patent Class (Main): **G06F-015/173**
Manual Codes (EPI/S-X): **T01-C03C** ...

... **T01-N02A2C** ...

... **W01-C01D3C**

25/3,K/124 (Item 124 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014153613 **Image available**
WPI Acc No: 2001-637832/200173
XRPX Acc No: N01-476662
Programmable bridging apparatus for wireless communication **system, has** network **interface electronically** configured **to operate with different signal** formats
Patent Assignee: MOTOROLA INC (MOTI)
Inventor: CORNILS C L; HUTCHINGS W J; SILVERTHORN L
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6269252	B1	20010731	US 9885685	A	19980527	200173	B

Priority Applications (No Type Date): US 9885685 A 19980527
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6269252	B1		8	H04B-001/36	

Programmable bridging apparatus for wireless communication **system, has** network **interface electronically** configured **to operate with different signal** formats

Abstract (Basic):
... A user interface (58) delivers software program to bridge (56) from user. One of **network** interface is electronically **reconfigured** to operate with different signal **formats** . The bridge connection is **reconfigured** by changing software program executed by processors in bridge. The **network** interface **communicates** a **wireless** signal with external **communication networks** (52A-52N) using different signal **formats** , through channels (58A-58N).
... Each **network** interface converts **wireless communication** signal between signal **format** used by an associated external **wireless communication network** and a common signal **format** . The bridge establishes a bridge connection between external communication **network** . An INDEPENDENT CLAIM is also included for multichannel radio...

...For **wireless communication** system...

...Provides inoperability between **multiple** previously incompatible **networks** , because bridge apparatus converts all received signal to a common signal **format** . Enables to be easily adapted to changing system requirement, since the bridging function is implemented in software. Provides a wide range of bridging function between **networks** , by providing a high level of software-based control to a user. Provides a highly...

...Wireless **network** (52A-52N...
...Title Terms: **NETWORK** ;
Manual Codes (EPI/S-X): **W01-B05A1A** ...

... **W02-C03C1A**

25/3,K/133 (Item 133 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014051775 **Image available**
WPI Acc No: 2001-535988/200159
Related WPI Acc No: 2001-397508; 2001-397513; 2001-397531; 2001-615930
XRPX Acc No: N01-398086
Internet radio method and apparatus for remotely configuring a wireless communication device **remotely configures** format **for providing content on** wireless communication device **for 1st user and 2nd one for 2nd user**
Patent Assignee: MOTOROLA INC (MOTI)
Inventor: GUBKA S S; HEDE W S; LEE J S; WEISSHAAR B P; WHARTON K E; BHASKARAN P; GERANEN S; KNAPPENBERGER D T; SMITH M
Number of Countries: 093 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200122713	A1	20010329	WO 2000US25932	A	20000921	200159 B
AU 200076005	A	20010424	AU 200076005	A	20000921	200159
US 6829475	B1	20041207	US 99155500	P	19990922	200480
			US 2000665095	A	20000920	

Priority Applications (No Type Date): US 2000665095 A 20000920; US 99155500 P 19990922
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200122713	A1	E	33	H04M-011/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200076005	A		H04M-011/00	Based on patent WO 200122713
US 6829475	B1		H04M-003/00	Provisional application US 99155500

Internet radio method and apparatus for remotely configuring a wireless communication device **remotely configures** format **for providing content on** wireless communication device **for 1st user and 2nd one for 2nd user**

Abstract (Basic):
... The method remotely **configures** a **wireless communication device** and remotely configures a **format** for providing content on **wireless communication device** for 1st user and 2nd one for 2nd user. It receives **configuration** data representing the **format** for the 1st user and the **format** for the 2nd user from a remote **network** . It provides **selected** content from content downloaded from the **network** .
... An independent claim describes a method of remotely **configuring** a **wireless communication device** .
...
...As a method and an apparatus for remotely **configuring** a **wireless communication device** .
...
...The drawing shows a system diagram of the **Internet** gateway **network** .

...Title Terms: **CONFIGURATION ;**
International Patent Class (Additional): **G06F-013/00** ...

... **G06F-015/16**
Manual Codes (EPI/S-X): **T01-H** ...

... **T01-M02** ...

... **W01-A01A** ...
... **W01-C05**

25/3,K/134 (Item 134 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014037531 **Image available**
WPI Acc No: 2001-521744/200157
Related WPI Acc No: 2001-607321; 2002-238393; 2002-416959; 2005-365362
XRPX Acc No: N01-386660
Communication **extension for** cell phone **to access website, involves storing ID data received through** internet **and enabling access by** wireless device **using WAP, based on received** request **and ID data and stored ID data**
Patent Assignee: MSHIFT INC (MSHI-N)
Inventor: MOELLER S; NDILI A
Number of Countries: 094 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200133807	A2	20010510	WO 2000US30393	A	20001102	200157 B
AU 200114627	A	20010514	AU 200114627	A	20001102	200157

Priority Applications (No Type Date): US 99163115 P 19991102
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200133807	A2	E	31	H04L-029/06	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200114627	A		H04L-029/06	Based on patent WO 200133807	

Communication **extension for** cell phone **to access website, involves storing ID data received through** internet **and enabling access by** wireless device **using WAP, based on received** request **and ID data and stored ID data**

Abstract (Basic):
... The ID data transmitted from **wireless device** is received over **internet** (25) operating under HTTP protocol and stored. The communication including the identification and **request** to access website is received through **network** adapting WAP from the **wireless device** . The **communication** is configured for **wireless device** using stored information so that **wireless device communicating** under WAP access the website.
... a) System for extending **communication** from **wireless device** ;
(...

...b) System for extending **communication** to a **wireless device** ;
(...

...c) Server coupled to a **mobile device**
...

...For **wireless device** e.g. **cell phone** , PCS **phone** , **handheld device** such as **PALM** organizer for extending bandwidth for accessing websites...

...Provides automatic data entry to websites contacted by **mobile device**

using WAP. Pushes user interactive **features** to **mobile devices** and hence allows the user to connect to websites by **selecting** user interactive **features** .

...

...The figure shows the block diagram for **communication** extending from **wireless device** .

...

... **Internet** (25

...Title Terms: **REQUEST** ;

Manual Codes (EPI/S-X): **W01-A06B7** ...

... **W01-A06C4** ...

... **W01-A06E1** ...

... **W01-A06G3** ...

... **W01-A07G** ...

... **W01-B05A1A** ...

... **W01-C05B3** ...

... **W02-C03C1A**

25/3,K/144 (Item 144 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013492431 **Image available**
WPI Acc No: 2000-664374/200064
XRPX Acc No: N00-492331

Mobile communication device **initializing method in** mobile communication network , **involves configuring** mobile communication device **to make dispatch call relative to desired dispatch calling option** selected **by user**

Patent Assignee: MOTOROLA INC (MOTI)
Inventor: NORDEMAN R D

Number of Countries: 092 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6134450	A	20001017	US 99366099	A	19990802	200064	B
WO 200110062	A1	20010208	WO 2000US20154	A	20000724	200110	
AU 200062356	A	20010219	AU 200062356	A	20000724	200129	
KR 2002026560	A	20020410	KR 2002701491	A	20020202	200267	
CN 1367957	A	20020904	CN 2000811207	A	20000724	200281	
KR 417360	B	20040205	WO 2000US20154	A	20000724	200437	
			KR 2002701491	A	20020202		

Priority Applications (No Type Date): US 99366099 A 19990802
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6134450	A		8	H04J-003/12	
WO 200110062	A1	E		H04B-007/26	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200062356	A	H04B-007/26	Based on patent WO 200110062
KR 2002026560	A	H04B-007/26	
CN 1367957	A	H04B-007/26	
KR 417360	B	H04B-007/26	Previous Publ. patent KR 2002026560 Based on patent WO 200110062

Mobile communication device **initializing method in** mobile communication network , **involves configuring** mobile communication device **to make dispatch call relative to desired dispatch calling option** selected **by user**

Abstract (Basic):
... The received browsable database entry is displayed on the display of **mobile communication device** (116) in a specific **format** , with a dispatch calling option corresponding to the dispatch tag. The **mobile communication device** is then **configured** to make a dispatch call corresponding to the desired dispatch calling option **selected** by the user of the device.
... The database entry received from a database (122) on **request** , is **formatted** with a mark-up language, to provide a browsable database entry. The entry has a **format** and dispatch tag corresponding to the dispatch call **type** . The browsable database entry is then transmitted to the **mobile communication device** connected to the **network** server (120) through the air **network** interface...

...For initializing **mobile communication devices** to make dispatch call, in time division **multiple** access (TDMA) and code division **multiple** access (CDMA) **cellular mobile communication** system capable of providing **network** browser support to mobile stations...

...The **mobile communication device** displays information according to a specific **format** , thereby allowing the user to **select** dispatch calling options such as making a private dispatch call, sending a dispatch alert or page, or making a fleet or **group** call. Reduces the need for storing calling number, beforehand, thereby reducing the need for semi-permanent memory in **mobile communication device** . Provides convenience to **mobile** users when specific party to be called is unknown, allowing the user to search the database to locate an appropriate party. Solves the problem of locating dispatch calling information and **configuring mobile communication device** to perform desired communication operation when the calling number of party to be called is...

...The figure shows the schematic diagram of **mobile communication** system....

... **Mobile communication device** (116...

... **Network** server (120
...Title Terms: **NETWORK** ;
Manual Codes (EPI/S-X): **W01-A06E1A** ...

... **W01-B05A1A** ...

... **W02-C03C1A** ...
... **W02-K02B1**

25/3,K/153 (Item 153 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013166805 **Image available**
WPI Acc No: 2000-338678/200029
XRPX Acc No: N00-254214
Network **information retrieval method for** laptop **computer, involves retrieving and** formatting network **information in accordance with** configuration **file**
Patent Assignee: SONY ELECTRONICS INC (SONY); SONY CORP (SONY)
Inventor: KARMEL C R; SUGIARTO B A
Number of Countries: 087 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200014640	A1	20000316	WO 99US19619	A	19990827	200029	B
AU 9956953	A	20000327	AU 9956953	A	19990827	200032	
EP 1116117	A1	20010718	EP 99943965	A	19990827	200142	
			WO 99US19619	A	19990827		
US 20020002596	A1	20020103	US 98146717	A	19980903	200207	
KR 2001073097	A	20010731	KR 2001702748	A	20010302	200209	
JP 2003504698	W	20030204	WO 99US19619	A	19990827	200320	
			JP 2000569318	A	19990827		

Priority Applications (No Type Date): US 98146717 A 19980903
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200014640	A1	E	21	G06F-012/00	
Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW					
AU 9956953	A			G06F-012/00	Based on patent WO 200014640
EP 1116117	A1	E		G06F-012/00	Based on patent WO 200014640
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
US 20020002596	A1			G06F-015/16	
KR 2001073097	A			G06F-017/30	
JP 2003504698	W		23	G06F-012/00	Based on patent WO 200014640

Network **information retrieval method for** laptop **computer, involves retrieving and** formatting network **information in accordance with** configuration **file**

Abstract (Basic):
... The system server (20) **responds** to the information **request** by uploading one or more **request** -servicing modules and identifies the **requesting** user. The server(20) then retrieves and **formats** the **network** information in accordance with the **configuration** file. Then the **formatted** information is **formatted** to user's access device (6) for display.
... The user **configuration** files associated with user, specifies one or more **types** of information to be retrieved and how the information is to be **formatted** , is stored in database server (8). An INDEPENDENT CLAIM is also included for system for retrieving information from **network** .
...

...For **laptop computer** , **cellular telephone** , personal **organizer** ,

palm -top computer. Also for retrieving information such as financial news, sport news, science news from **LAN** , **internet** .

...

...Allows user to **customize** the retrieval and display of **network** information. Enables to retrieve personal information from **network** , through user **configuration** file

Title Terms: **NETWORK** ;

International Patent Class (Main): **G06F-012/00** ...

... **G06F-015/16** ...

... **G06F-017/30**

International Patent Class (Additional): **G06F-013/00**

Manual Codes (EPI/S-X): **T01-F05G5** ...

... **T01-H07C5S** ...

... **T01-M06A1A**

25/3,K/158 (Item 158 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012933917 **Image available**
WPI Acc No: 2000-105764/200009
XRPX Acc No: N00-081242

Information transfer system for linking multiple **communication systems**

Patent Assignee: MOTOROLA INC (MOTI)
Inventor: SHARRIT J P; SHEPARD J W

Number of Countries: 083 Number of Patents: 010
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9963728	A1	19991209	WO 99US12079	A	19990528	200009	B
AU 9942248	A	19991220	AU 9942248	A	19990528	200021	
US 6185205	B1	20010206	US 9888008	A	19980601	200109	
EP 1084555	A1	20010321	EP 99926088	A	19990528	200117	
			WO 99US12079	A	19990528		
KR 2001034865	A	20010425	KR 2000712898	A	20001117	200164	
MX 2000011614	A1	20010501	MX 200011614	A	20001124	200227	
JP 2002517952	W	20020618	WO 99US12079	A	19990528	200242	
			JP 2000552823	A	19990528		
AU 754023	B	20021031	AU 9942248	A	19990528	200282	
MX 221710	B	20040726	WO 99US12079	A	19990528	200535	
			MX 200011614	A	20001124		
IL 138876	A	20050517	IL 138876	A	19990528	200537	

Priority Applications (No Type Date): US 9888008 A 19980601
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9963728	A1	E	27	H04L-029/06	
Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW					
AU 9942248	A			H04L-029/06	Based on patent WO 9963728
US 6185205	B1			H04L-012/66	
EP 1084555	A1	E		H04L-029/06	Based on patent WO 9963728
Designated States (Regional): DE FI FR GB IT NL SE					
KR 2001034865	A			H04L-029/06	
MX 2000011614	A1			H04L-012/66	
JP 2002517952	W		32	H04L-029/06	Based on patent WO 9963728
AU 754023	B			H04L-029/06	Previous Publ. patent AU 9942248 Based on patent WO 9963728
MX 221710	B			H04L-012/66	Based on patent WO 9963728
IL 138876	A			H04L-012/66	Based on patent WO 9963728

Information transfer system for linking multiple **communication systems**

Abstract (Basic):
... A **group** of **wireless** interface **units** (12a-12n) and wired interface units (14a-14n) are coupled to a switch (16) which transfer signals, having common signal **format** between the switch and interface units. The switch is **configurable** to **selectively** connect the interface units for enabling communication.
... Each of the **wireless** /wired interface **unit** is capable of converting a signal between a unique wireless/wired signal **format** and a common signal **format** . The unique wireless signal **format** is

different for different **wireless** interface **units** . Each **wireless** interface **units** is coupled to antennas (25a-25n) through antenna ports (24a-24n). Each wired interface unit...

...For linking **multiple** communication systems. For stationary application e.g. base station, home implementation and mobile application e...

...As large number of signal **formats** are provided, interoperability between system can be implemented...

...Title Terms: **MULTIPLE** ;

International Patent Class (Additional): **G06F-015/16** ...

Manual Codes (EPI/S-X): **W01-A06G3** ...

... **W01-B05A1A** ...

... **W02-C03C1A**

25/3,K/160 (Item 160 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012853599 **Image available**
WPI Acc No: 2000-025431/200003
Related WPI Acc No: 2000-224462
XRPX Acc No: N00-019086

Delivering information from a network **of** computers **to** wireless communication devices **over different** wireless networks

Patent Assignee: TELEPHONE COMMUNICATION INC (TELE-N); PHONECOM INC (PHON-N); PHONE.COM JAPAN KK (PHON-N); PHONE.COM INC (PHON-N); OPENWAVE SYSTEMS INC (OPEN-N)

Inventor: BOYLE S S; FOX M A; RAMASUBRAMANI S

Number of Countries: 029 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 959600	A1	19991124	EP 99303352	A	19990429	200003	B
JP 2000078207	A	20000314	JP 99122918	A	19990428	200024	
CN 1244087	A	20000209	CN 99105377	A	19990430	200026	
KR 99083618	A	19991125	KR 9915479	A	19990429	200055	
US 6314108	B1	20011106	US 9870668	A	19980430	200170	

Priority Applications (No Type Date): US 9870668 A 19980430

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 959600	A1	E	33	H04L-029/06	
	Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI				
JP 2000078207	A		24	H04L-012/66	
CN 1244087	A			H04Q-007/20	
KR 99083618	A			H04L-012/28	
US 6314108	B1			H04J-003/16	

Delivering information from a network **of** computers **to** wireless communication devices **over different** wireless networks

Abstract (Basic):

... Wireless **network** carriers using different combinations of **network type** and protocol are coupled to a **network** of computers by an airlink **configured** for the particular combination of **network type** and protocol. Each airlink operates to exchange data with particular **wireless communication devices** via the **wireless network** carriers associated with it.

... The system (200) includes **several wireless communication devices** (202-206) that include a processing unit and a display screen. **Several** wireless network carriers (208-212) each provides **wireless communication** services to the **wireless communication devices** . The **wireless network** carriers use a different combination of **network type** and transport protocol. A **network** of computers (216-220), one or more of which contain information. A **multi - network** gateway (214) couples the wireless **network** carriers to the **network** of computers to allow data transfer between them. Each wireless **network** carrier using the different combination of **network type** and protocol is coupled to the **network** of computers by an airlink **configured** for the particular combination of **network type** and protocol. Each airlink operates to exchange data with particular **wireless communication devices** via the **wireless network** carriers associated with it. INDEPENDENT CLAIMS are also given for...

...a) a gateway between wireless **network** carriers and the **Internet** ;
(...

...b) a method for exchanging data between the **Internet** and **wireless communication devices** ;
(...

...c) a method for providing data from a wired **network** to **wireless communication devices** ;
(...

...d) a computer readable medium containing program code for interactive data exchange between a wired **network** and **wireless communication devices** ; and...

...e) a computer readable medium containing program code for providing data from a wired **network** to **wireless communication devices** .
...

...For delivery of information from a **network** of **computers** to **wireless communication devices** . For e.g. **Personal digital assistant** (**PDA**) etc. Using e.g. Cellular digital **packet** data (CDPD), global system for **mobile communications** (GSM), code division **multiple** access (CDMA) and time division **multiple** access (TDMA). Protocols may be **Internet** protocol (IP), short **messaging** system (SMS) and unstructured supplementary service data (USSD...

...Increases the efficiency of resource use by eliminating need for each carrier **network** or information provider to provide their own gateway **network** . Reduces costs to software developers...

... **Wireless communication devices** (202-206...

...Wireless **network** carriers (208-212...

... **Network** of computers (216-220...

... **Multi - network** gateway (214

...Title Terms: **NETWORK** ;

Manual Codes (EPI/S-X): **W01-A03B** ...

... **W01-A06B7** ...

... **W01-A06C4** ...

... **W01-A06E1** ...

... **W01-A06G2** ...

... **W01-A06G3** ...

... **W01-A07G** ...

... **W01-B05A1A** ...

... **W01-C05B3J** ...

... **W02-C03A1A**

25/3,K/163 (Item 163 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012460359 **Image available**
WPI Acc No: 1999-266467/199923
XRPX Acc No: N99-198752
Providing customized internet **content to a** requesting **client**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)
Inventor: HIMMEL M A
Number of Countries: 006 Number of Patents: 009
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
GB 2331600	A	19990526	GB 9816401	A	19980729	199923	B
JP 11194983	A	19990721	JP 98297899	A	19981020	199939	
CN 1225479	A	19990811	CN 98122423	A	19981118	199950	
KR 99044848	A	19990625	KR 9842599	A	19981012	200036	
US 6167441	A	20001226	US 97976405	A	19971121	200103	
JP 3184802	B2	20010709	JP 98297899	A	19981020	200140	
TW 449707	A	20010811	TW 98109089	A	19980608	200237	
KR 311191	B	20011115	KR 9842599	A	19981012	200240	
GB 2331600	B	20021113	GB 9816401	A	19980729	200282	

Priority Applications (No Type Date): US 97976405 A 19971121
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2331600	A		37	G06F-017/30	
JP 11194983	A		13	G06F-013/00	
CN 1225479	A			G06F-015/163	
KR 99044848	A			G06F-009/00	
US 6167441	A			G06F-015/16	
JP 3184802	B2		14	G06F-013/00	Previous Publ. patent JP 11194983
TW 449707	A			G06F-017/30	
KR 311191	B			G06F-009/00	Previous Publ. patent KR 99044848
GB 2331600	B			G06F-017/30	

Providing customized internet **content to a** requesting **client**

Abstract (Basic):
... A **request** for a file from a web server is intercepted, and client device capability information is detected by an agent at a web server which parses the header information of the **request** . The **request** is redirected to a Uniform Resource Locator (URL) according to the detected capability information to retrieve a version of the **requested** file.
... International web applications that cover **many** different **types** of device e.g. **palmtops** , **laptops** , PC's, WebTV...
Title Terms: **CUSTOMISATION** ;
International Patent Class (Main): **G06F-009/00** ...

... **G06F-013/00** ...

... **G06F-015/16** ...

... **G06F-015/163** ...

... **G06F-017/30**
International Patent Class (Additional): **G06F-012/00**
Manual Codes (EPI/S-X): **W01-A06B7** ...

... **W01-A06E1**

25/3,K/169 (Item 169 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011686329 **Image available**
WPI Acc No: 1998-103239/199810
XRPX Acc No: N05-080434
Multi **-frequency**, multi **-protocol** wireless communication device , **e.g.** cellular telephone , **self-adapts to various operating frequencies/protocols to allow two-way communication of information including voice, data, graphics or video signals**
Patent Assignee: LSI LOGIC CORP (LSIL-N)
Inventor: DAANE J; JAGGI S; ROSTOKER M D
Number of Countries: 020 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 822667	A2	19980204	EP 97303668	A	19970602	199810 B
JP 10084584	A	19980331	JP 97167561	A	19970624	199823
US 6006105	A	19991221	US 96691745	A	19960802	200006

Priority Applications (No Type Date): US 96691745 A 19960802
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 822667	A2	E	16	H04B-001/40	
	Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE				
JP 10084584	A		19	H04Q-007/38	
US 6006105	A			H04B-001/38	

Multi **-frequency**, multi **-protocol** wireless communication device , **e.g.** cellular telephone , **self-adapts to various operating frequencies/protocols to allow two-way communication of information including...**

...Abstract (Basic): NOVELTY - The **wireless communication device** (22) includes an RF transceiver for sending and receiving RF signals carrying information input by an operator in the cellular communication system, and an adaptation circuit (72) conveying **communication** signals in the **wireless communication device** between the transceiver and the operator input and output devices. The adaptation circuit includes two adaptation branches (72a,72b) that provides conversion of information between different first and second **formats** , standards or protocols and human- intelligible or other machine-processable forms...

...DETAILED DESCRIPTION - The communication device also includes a microcontroller (58) **selectively** activating one of the adaptation branches and detecting when a communication signal processed by one of the branches in **response** to its activation results in a human-intelligible or machine-processable form, so that the microcontroller thereafter maintains activation of the adaptation branch to adapt the **wireless communication device** for **communication** of the information in the **cellular telephone communication** system. The adaption circuit provides conversion of information between the human-intelligible or machine-processable form and a **format** /standard **selected** from GSM, CDMA, TDMA, **wireless communication** system data transfer, fiber channel, serial link (QAM, QPSK) or Firewire protocols, or motion picture experts **group** (MPEG) MPEG1, MPEG2 or MPEG4 (wavelet) standards...

...USE - **Multi** -frequency, **multi** -protocol **wireless communication device** , e.g. **cellular telephone** , **portable** personal **communication device** or desk top personal computer, for allowing two-way communication of information including voice, data...

...ADVANTAGE - **Wireless communication device** is **configured** to self adapt to various operating frequencies and communication protocols that may be present in the **cellular communication** environment so that the device is able to provide communications in **several** service areas even though the frequencies of operation and the communication protocols in use in...

...DRAWING(S) - The drawing shows a schematic functional block diagram of a portion of the **wireless communication device** .

...

... **Wireless communication device** (22

Title Terms: **MULTI** ;

Manual Codes (EPI/S-X): **T01-C03A** ...

... **T01-C03C** ...

... **T01-M06A** ...

... **W01-A07G** ...

... **W01-C01D3C** ...

... **W01-C01G4** ...

... **W02-C03C1C** ...

... **W02-F08B3** ...

... **W02-G02A1** ...

... **W02-K05A1** ...

... **W02-K05A7** ...

... **W02-K05B3**

25/3,K/179 (Item 179 from file: 350)
DIALOG(R)File 350:Derwent WPIX

010620342 **Image available**
WPI Acc No: 1996-117295/199612
Related WPI Acc No: 1989-375882; 1990-015030; 1990-036847; 1990-038486;
1991-022352; 1991-177575; 1991-192823; 1991-222501; 1991-238268;
1991-309917; 1991-376728; 1992-065165; 1992-226317; 1992-234788;
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Hierarchical communication system providing intelligent data, program and processing migration - uses spanning tree configuration **of wired and wireless** networks **with different** characteristics **to link** portable **and** mobile **computing** devices

Patent Assignee: NORAND CORP (NORA-N); BROADCOM CORP (BROA-N); BUNTE A G (BUNT-I); DANIELSON A D (DANI-I); MAHANY R L (MAHA-I); MEIER R C (MEIE-I); MORRIS M D (MORR-I); WEST G J (WEST-I)
Inventor: BUNTE A G; DANIELSON A D; MAHANY R L; MEIER R C; MORRIS M D; WEST G J; CARGIN K K; HANSON G E; KOENCK S E; MILLER P; SALVAY S H
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... **uses spanning tree** configuration **of wired and wireless** networks **with different** characteristics **to link** portable **and** mobile **computing** devices

...Abstract (Basic): The communications **network** has **several** computing devices, at least one of which is a mobile terminal having a **wireless** transceiver. The **communications network** has **several** access devices arranged in a spanning tree **configuration** to support communication among the computing devices...

...At least one of the access devices is **configured** to **selectively** intercept, store and forward **requested** data, thereby reducing traffic on the communications **network** . Pref., the access devices are **configured** to **selectively** intercept and store **requested** processing resources for future processing, thereby reducing traffic on the communications **network** .

...Abstract (Equivalent): A radio unit for operation in a communication system having a **plurality** of RF communication **networks** comprising ...

...a transceiver capable of participating on the **plurality** of RF communication **networks** ;
...

...a memory device which stores a **plurality** of communication protocols, each communication protocol governing radio operation on one of the **plurality** of RF communication **networks** ;
...

...a control processor coupled to the transceiver and the memory device, the control processor **selecting** from the memory device ones of the **plurality** of communication protocols to enable the transceiver to simultaneously participate on corresponding ones of the **plurality** of RF communication **networks** ; and...

...the control processor managing the simultaneous use by the transceiver of the **selected** ones of the **plurality** of communication protocols

...Title Terms: **CONFIGURATION** ;

Manual Codes (EPI/S-X): **T01-H07C** ...

... **W01-A03B** ...
... **W01-A06B4** ...

... **W01-A06B5A** ...

... **W01-A06C2** ...

... **W01-A06C4** ...

... **W01-A06G2** ...

... **W01-A06G3**

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MOBILE DATA **COMMUNICATION** SYSTEM

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APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP (Japan)
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MOBILE DATA **COMMUNICATION** SYSTEM

ABSTRACT

... a communication protocol control program of an adaptor of a mobile terminal equipment from a **network** in the case of the **mobile communication** system...

... terminal equipment 9 to make communication. In this case, the data signal converter 8 is **selected** and started depending on a **communication class** of the **mobile** data terminal equipment 3 to **set up** a data communication negotiation protocol link between the adaptor 2 and the data signal converter...

... signal converter 8 loads a data communication protocol control program to the adaptor 2 in **response** to the communication **type** on **request** of the adaptor 2 to **set up** a data communication protocol link between the adaptor 2 and the data signal converter 8...